



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Elango Pakriswamy
Appln. No. : 09/725,356
Filed : November 29, 2000
Title : HIGH BANDWIDTH LOW NOISE CROSS-
COUPLED AMPLIFIER
Docket No. : V44.12-0138

Group Art Unit: 2651

Examiner: V. Kapadia

RECEIVED

FEB 19 2004

RESPONSE

Technology Center 2600

Box Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SENT VIA EXPRESS MAIL

Express Mail No.: EV 302264119 US

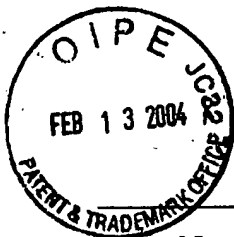
Sir:

This is in response to the Office Action mailed December 19th, 2003, in which claims 1-5 were rejected under 35 U.S.C. § 102(b) as being anticipated by Ngo et al (5,793,551) ("Ngo") and claims 6-16 and 19-20 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ngo in view of applicant's admitted prior art ("AAPA").

Claim Rejections - 35 U.S.C. § 102

Claims 1-5 were rejected under 35 U.S.C. §102(b) as being anticipated by Ngo. Anticipation requires the disclosure in a single prior art reference of each element of the claim under construction. *In re Dillon* 919 F.2d 688, 16 USPQ2d 1897, 1908 (Fed. Cir. 1990) (en banc), cert. denied, 500 U.S. 904 (1991).

Independent claim 1 recites: "a first coupling circuit including a capacitor and an active element, the first coupling circuit being connected such that the capacitor and the active element are coupled in series between the first input signal node and a *base* of the input transistor of the second amplifier circuit;" (emphasis added). In contrast, the Ngo reference describes a first coupling circuit including a capacitor (40) and an active element (64)-that are coupled in series



02-17-04

GP 2651

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Title : HIGH BANDWIDTH LOW NOISE CROSS-
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Examiner: Regina Neal
Holder**EXPRESS MAIL COVER SHEET**Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**SENT VIA EXPRESS MAIL**

Express Mail No.: EV 302264119 US

Sir:

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent
and Trademark Office on the date shown below:

1. Postcard
2. Fee Transmittal
3. Response

RECEIVED

FEB 19 2004

Technology Center 2600

Respectfully submitted,

KINNEY & LANGE, P.A.

Date:

2/13/04

By

Alan M. Koenck, Reg. No. 43,724
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**FREE TRANSMITTAL**

Total Amount of Payment \$-0-

METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed

2. ☒ Check Enclosed**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee
1005	160	2005	80	<input type="checkbox"/> Prov. Filing Fee

Subtotal (1) \$-0-

2. EXTRA CLAIM FEES

	Number Claims	Prior	Extra	Fee from Below	Fee Paid
Total	-	=	X	=	-
Indep.	-	=	X	=	-
Multiple Dependent Claims				=	-

Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple Dependent Claim
1204	86	2204	43	Reissue Independent Claims Over Original Patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

Subtotal (2) \$-0-

Complete if Known

Application No. 09/725,356
Filing Date November 29, 2000
First Named Inventor Elango Pakriswamy
Group Art Unit 2651
Examiner Name Regina Neal Holder
Atty. Docket Number V44.12-138

RECEIVED**FEE CALCULATION (Continued)**

FEB 19 2004

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	-
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	-
1053	130	1053	130	Non-English specification	-
1812	2,520	1812	2,520	For Filing a Request for Reexamination	-
1251	110	2251	55	Extension for reply within first month	-
1252	420	2252	210	Extension for reply within second month	-
1253	950	2253	475	Extension for reply within third month	-
1254	1,480	2254	740	Extension for reply within fourth month	-
1255	2,010	2255	1,005	Extension for reply within fifth month	-
1402	330	2402	165	Filing a brief in support of an appeal	-
1403	290	2403	145	Request for oral hearing	-
1814	110	2814	55	Terminal Disclaimer Fee	-
1452	110	2452	55	Petition to revive - unavoidable	-
1453	1,330	2453	665	Petition to revive - unintentional	-
1501	1,330	2501	665	Utility/Reissue issue fee	-
1502	480	2502	240	Design issue fee	-
1460	130	1460	130	Petitions to the Commissioner	-
1807	50	1807	50	Petitions related to provisional applications	-
1806	180	1806	180	Submission of Information Disclosure Statement	-
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	-
1801	770	2801	385	Request for Continued Examination (RCE)	-

Other fee (specify) _____

Subtotal (3) \$-0-

Signature Alan M. KoenckReg. No. 43,724Date February 13, 2004Deposit Account No. 11-0982